



# Electrical Temporary Inspection Checklist Commercial Inspections

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This checklist is provided as a reference tool, and it is not intended to be exhaustive of all possible requirements. Please refer to the latest adopted International Building Code (IBC), International Residential Code (IRC), International Energy Conservation Code (I.E.C.C) Local Amendments to the International Residential Code (IRC-LA), I.E.C.C (IECC-LA), the City of Austin Building Criteria Manual (BCM), the Uniform Plumbing Code (UPC), the City of Austin Land Development Code (LDC), and the National Electric Code (NEC) for code sections listed below.

- IRC, IECC and IBC <https://codes.iccsafe.org/public/collections/I-Codes>
- Local amendments <https://library.municode.com/TX/Austin>
- UPC and UMC <http://www.iapmo.org/>
- NEC <https://www.nfpa.org/>

**Please verify the following before scheduling the inspection:**

## 304 Temporary

- The contractor or person doing the work has reviewed the approved plans and can ensure that the construction being inspected is consistent and ready for inspection.
- Job address is posted in a visible location. *IBC 105.7*
- 302 Grounding Inspection has passed.
- Available fault current is posted. *(2020 NEC Art. 110.24)*
- GFPE has been tested, if required *(2020 NEC Art. 230.95(C))*
- Working space around electrical equipment has been provided. This includes clearances and egress. *(2020 NEC Art. 110.26)*
- Austin Energy has completed a CT inspection, if required, and Meter Equipment has been approved *(Current AE Design Criteria)*
- Terminals have been verified for suitability of the terminations. *(2020 NEC Art. 110.14)*
- Conductors are color coded per City of Austin Electric Code. *(2020 COA Electric Code)*
- Interrupting ratings of all overcurrent devices and fully rated systems have been verified. *(2020 NEC Art. 110.9)*
- If series rating is used, permitting has been verified. *(2020 NEC Art. 110.9, 110.10, 240.86, Manufacture install instructions)*
- Field markings have been verified on equipment for series combination rated systems. *(2020 NEC Art. 110.22(B) &(C))*
- Service equipment is suitable for the use and identified accordingly. *(2020 NEC Art. 230.66)*
- The size of the service conductors has been verified. *(2020 NEC Art. 230.23, 230.31, 230.42, 230.202)*
- Service entrance conductors are installed only in the service raceway. *(2020 NEC Art. 230.7)*
- The connection, size, and type of main bonding jumper in the service disconnect has been checked. *(2020 NEC Art. 250.28, 250.24(A) (4), 250.24 (B))*
- Enclosures and raceways containing service-entrance conductors are bonded properly. *(2020 NEC Art. 250.92(A), 250.92(B), 250.102, 250.190)*
- Supply-side bonding jumper size has been verified. *(2020 NEC Art. 250.102(C))*
- Service grounded conductor is sized properly or by the minimum requirements. *(2020 NEC Art. 250.24(C), 220.61)*
- A service disconnect is provided, located properly, and accessible. *(2020 NEC Art. 230.70, 230.205, 240.24)*
- The service disconnect is permanently marked. *(2020 NEC Art. 230.70(B))*
- The service disconnect ratings have been checked. *(2020 NEC Art. 230.79, 230.80, 230.205)*